

DATE=06/14/91 TIME=0835

LISTING OF MODULE PDB00010

PAGE 8

12/21/90 JPH IF CONSUMER PAYMENT IS LESS THAN MERCHANT CREDIT LIMIT, PROCESS PAYMENT AS ACH ITEM REGARDLESS OF THE CREDIT LIMIT TOTAL. EXCLUDE THESE ITEMS FROM ACCUMULATION OF ACH TRANSACTIONS INTO THE CREDIT LIMIT TOTAL.

02/01/91 JPH EXPAND SOURCE CODE CHECK FOR PAY BY PHONE
FROM 'N' TO 'M14'.

03/08/91 JPH COMMIT WORKS AND RESTART PROCESSING.

09/11/91 KAD
CHANGED THE 'ROLLOVER DATE' HEADING TO
'EXTRA PMT.' AND OMITTED THE 'ROLLOVER AMT'
HEADING. ALSO, CHANGED THE DRAFT ERROR
REPORT TO SHOW STATUS CODES AND ADDED TOTALS
BY STATUS.

04/19/91 PAM ADD CODE TO USE PAPER OR ELECTRONIC
RT IF EFT CODE = 'B'.

05/25/91 JF ELECTRONIC REMITTANCE PROCESSING.

06/05/91 JPH CORRECT PAYMENT ROLLOVER ERRORS FOR WEEKLY
OR BIWEEKLY PAYMENTS.

100

ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
INPUT-OUTPUT SECTION.
FILE-CONTROL.

SELECT DATE-FILE

ASSIGN TO DA-ID FILE
ORGANIZATION IS INDEXED
ACCESS MODE IS DYNAMIC
RECORD KEY IS COMP-CTL-KEY
FILE STATUS IS COMP-STATUS.

SELECT MERCHANT-FILE

ASSIGN TO DA-MERCHANT
ORGANIZATION IS INDEXED
ACCESS MODE IS RANDOM
RECORD KEY IS MMR-KEY
FILE STATUS IS MMR-STAT.

SELECT TRAWHOLD-FILE ASSIGN TO UT-S-TRNTHOLD.

SELECT DRFTITEM-FILE ASSIGN TO UT-S-DRFTITEM.

SELECT ROLLOVER-REPORT ASSIGN TO UT-S-SYS020.

000182	01/02/91
000183	01/02/91
000184	01/02/91
000185	01/02/91
000186	01/02/91
000187	01/02/91
000188	01/02/91
000189	02/10/91
000190	02/10/91
000191	02/10/91
000192	03/13/91
000193	03/13/91
000194	04/14/91
000195	04/14/91
000196	04/14/91
000197	04/14/91
000198	04/14/91
000199	04/14/91
000200	04/20/91
000201	04/20/91
000202	04/20/91
000203	06/05/91
000204	06/05/91
000205	06/05/91
000206	06/05/91
000207	06/05/91
000208	
000209	
000210	
000211	
000212	
000213	
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000221	
000222	
000223	
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000230	
000231	
000232	

FD PAY-TABLE-INPUT
RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.
01 PAY-TBL-INPUT-REC PIC X(25).

FD PAY-TABLE-OUTPUT
RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.
01 PAY-TBL-OUTPUT-REC PIC X(25).

WORKING-STORAGE SECTION.

77 FILLER PIC X(137) VALUE
'PDB00010 WORKING-STORAGE BEGINS HERE'.

EXEC SQL INCLUDE PBT001 END-EXEC.

EXEC SQL INCLUDE PBT002 END-EXEC.

EXEC SQL INCLUDE PBT006 END-EXEC.

EXEC SQL INCLUDE PBT007 END-EXEC.

EXEC SQL INCLUDE PBT010 END-EXEC.

EXEC SQL INCLUDE PBT900 END-EXEC.

77 SQL-DRAFT-DATE PIC S9(6) COMP VALUE ZEROS.
77 SQL-PREV-SSN PIC S9(9) COMP VALUE ZEROS.

EXEC SQL INCLUDE SQLCA END-EXEC.

-INC SQLFLDS

77 COMP-STATUS PIC X.
77 WS-COMP-KEY PIC X(10) VALUE 'AAA'.

: FPRODATE

* THE FOLLOWING SWITCH CAN BE INITIALIZED TO 'V'.
* TO INDICATE THAT CERTAIN CODE THAT SHOULD (OR SHOULD NOT)
* BE EXECUTED DURING A NON-PRODUCTION RUN.
* UPDATES OF THE DB2 TABLES ARE BYPASSED AND A CHECK AMOUNT OF
* ZERO IS USED WHEN THE SWITCH IS SET TO 'V'.

01 TEST-PCM-SW PIC X(1) VALUE 'N'.
00 TEST-PCM VALUE 'V'.

000324 05/25/91
000325 05/25/91
000326 05/25/91
000327 05/25/91
000328 05/25/91
000329 05/25/91
000330 05/25/91
000331 05/25/91
000332 05/25/91
000333 05/25/91
000334 05/25/91

000324 05/25/91
000325 05/25/91
000326 05/25/91
000327 05/25/91
000328 05/25/91
000329 05/25/91
000330 05/25/91
000331 05/25/91
000332 05/25/91
000333 05/25/91
000334 05/25/91

05	IS-THIS-FIRST-ERROR-RECORD	PIC X	VALUE 'V'.	000437	03/13/91
06	FIRST-ERROR-RECORD		VALUE 'V'.	000438	03/13/91
05	IS-THIS-FIRST-ROLL-RECORD	PIC X	VALUE 'V'.	000439	03/13/91
06	FIRST-ROLL-RECORD		VALUE 'V'.	000440	03/13/91
05	WS-77-HOLD-PAY-AMOUNT	PIC 9(16)V99	VALUE ZEROS.	000441	03/13/91
05	WS-77-HOLD-PAY-DATE	PIC 9(16)	VALUE ZEROS.	000442	03/13/91
05	WS-TOT-ERR-DOLLARS	PIC 9(17)V99	VALUE ZEROS.	000443	03/13/91
05	WS-TOT-ERR-ITEMS	PIC 9(17)	VALUE ZEROS.	000444	03/13/91
05	WS-TOT-RO-DOLLARS	PIC 9(17)V99	VALUE ZEROS.	000445	03/13/91
05	WS-TOT-RO-ITEMS	PIC 9(17)	VALUE ZEROS.	000446	03/13/91

THE FOLLOWING TWO FIELDS ARE USED TO KEEP TRACK OF THE NUMBER OF ITEMS AND DOLLARS IN ERROR FOR ALL CONSUMERS.

05	WS-TOTAL-ERROR-LINES	PIC 999	VALUE 999.	000450	03/13/91
05	WS-TOTAL-ROLL-OVER-LINES	PIC 999	VALUE 999.	000451	03/13/91
05	WS-ERROR-PAGE-COUNT	PIC 9(104)	VALUE ZEROS.	000452	03/13/91
05	WS-ROLL-OVER-PAGE-COUNT	PIC 9(104)	VALUE ZEROS.	000453	03/13/91
05	WS-SUMMARY-PAGE-COUNT	PIC 9(104)	VALUE ZEROS.	000454	03/13/91
05	WS-PREVIOUS-SSN	PIC 9(19)	VALUE ZEROS.	000455	03/13/91
05	WS-previous-ROLL-SSN	PIC 9(19)	VALUE ZEROS.	000456	03/13/91

05	TFR-COL-TOT-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.	000460	05/25/91
05	TFR-COL-TOT-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.	000461	05/25/91
05	TFR-COL-ACH-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.	000462	05/25/91
05	TFR-COL-ACH-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.	000463	05/25/91
05	TFR-COL-PPR-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.	000464	05/25/91
05	TFR-COL-PPR-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.	000465	05/25/91
05	TFR-COL-CHK-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.	000466	05/25/91
05	TFR-COL-CHK-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.	000467	05/25/91
05	TFR-RMT-TOT-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.	000468	05/25/91
05	TFR-RMT-TOT-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.	000469	05/25/91
05	TFR-RMT-ACH-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.	000470	05/25/91
05	TFR-RMT-ACH-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.	000471	05/25/91
05	TFR-RMT-PPR-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.	000472	05/25/91
05	TFR-RMT-PPR-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.	000473	05/25/91
05	TFR-RMT-CHK-ITEMS	PIC S9(17)	COMP-3 VALUE ZERO.	000474	05/25/91
05	TFR-RMT-CHK-DOLLARS	PIC S9(19)V9(12)	COMP-3 VALUE ZERO.	000475	05/25/91

PROGRAM HOLD AREA

000437 03/13/91

01 WS-HOLD-DRAFT.

PIC X.

05 DRAFT-EXTENSION REDEFINES DRAFT-EXTENSION PIC 99.

05 FILLER PIC X(78)

VALUE SPACES.

01 WS-HOLD-ACH.

PIC X.

05 DAY-NIGHT-ACH

VALUE 'D'.

01 WS-ROLLBACK-CNT.

PIC X(79)

VALUE SPACES.

05 WS-ROLLBACK-CNT

PIC 999

VALUE 110.

01 WS-ROLLBACK-COUNT

PIC 999

VALUE SPACES.

01 WS-PHONE-AREA.

05 WS-PHONE-AREA-IN.

PIC 999

10 WS-AREA-CODE-IN

VALUE ZEROS.

10 WS-PHONE-EXT-IN

PIC 999

VALUE ZEROS.

05 WS-PHONE-AREA-OUT.

PIC 999

10 WS-AREA-CODE-OUT

VALUE ZEROS.

10 WS-PHONE-EXT-OUT

PIC 999

VALUE ZEROS.

01 WS-TRACE-AREA.

05 WS-TRACE-NDR.

PIC 9

10 FILLER PIC 99

VALUE ZEROS.

000408
000409
000490
000491
000492
000493
000494
000495
000496
000497
000498
000499
000500
000501
000502
000503
X 000504
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000408 000409

 * SSM AREA *

01 WS-SSM-AREA.

05 WS-SSM-IN.

10 WS-SSM-1ST3-IN PIC 999 VALUE ZEROS.
 10 WS-SSM-2ND2-IN PIC 99 VALUE ZEROS.
 10 WS-SSM-LAST4-IN PIC 9999 VALUE ZEROS.

05 WS-SSM-OUT.

10 WS-SSM-1ST3-OUT PIC 999 VALUE ZEROS.
 10 FILLER PIC X VALUE '-'.
 10 WS-SSM-2ND2-OUT PIC 99 VALUE ZEROS.
 10 FILLER PIC X VALUE '-'.
 10 WS-SSM-LAST4-OUT PIC 9999 VALUE ZEROS.

 * COMPARE VARIABLES *

77 WS-CARDIN-SM

08 MORE-CARDIN
 09 NO-MORE-CARDIN

PIC X
 VALUE 'Y'.
 VALUE 'Y'.
 VALUE 'N'.

77 WS-STATUS-A-CNT PIC 9(6) VALUE ZEROS.
 77 WS-STATUS-I-CNT PIC 9(6) VALUE ZEROS.
 77 WS-STATUS-F-CNT PIC 9(6) VALUE ZEROS.
 77 WS-STATUS-D-CNT PIC 9(6) VALUE ZEROS.
 77 WS-STATUS-P-CNT PIC 9(6) VALUE ZEROS.
 77 WS-STATUS-C-CNT PIC 9(6) VALUE ZEROS.
 77 WS-STATUS-TOT-CNT PIC 9(6) VALUE ZEROS.

 * PGM DATE FIELDS *

01 WS-DATE-WORK.

05 WS-HOLD-DATE-FFMMDDYY.

10 HOLD-F-FFMMDDYY PIC 9(02) VALUE ZEROS.
 10 HOLD-M-FFMMDDYY PIC 9(02) VALUE ZEROS.
 10 HOLD-D-FFMMDDYY PIC 9(02) VALUE ZEROS.
 10 HOLD-Y-FFMMDDYY PIC 9(02) VALUE ZEROS.

05 WS-HOLD-DATE.

10 HOLD-MONTH PIC 9(02) VALUE ZEROS.
 10 HOLD-DAY PIC 9(02) VALUE ZEROS.
 10 HOLD-YEAR PIC 9(02) VALUE ZEROS.

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000542-000543-000544-000545-000546-000547-000548-000549-000550-000551-000552-000553-000554-000555-000556-000557-000558-000559-000560-000561-000562-000563-000564-000565-000566-000567-000568-000569-000570-000571-000572-000573-000574-000575-000576-000577-000578-000579-000580-000581-000582-000583-000584-000585-000586-000587-000588-000589

01 FILLER 'METHOD'. PIC X(05) VALUE SPACES. 000743 04/14/91

01 WS-DETAILS-FOR-ROLLOVER.
05 RO-DETAIL-1.

10 RO-SSN PIC X(11). VALUE SPACES. 000744
10 FILLER PIC X(02). 000745
10 RO-LAST-NAME PIC X(20). 000746
10 FILLER PIC X(01). 000747
10 RO-FIRST-NAME PIC X(10). 000748
10 FILLER PIC X(02). 000749
10 RO-MI PIC X(01). 000750
10 FILLER PIC X(05). 000751
000752
000753
000754
000755
000756
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000758
000759
000760

05 RO-DETAIL-2.

10 FILLER PIC X(04). VALUE SPACES. 000761
10 RO-PHONE-NUMBER PIC X(12). 000762
10 FILLER PIC X(02). 000763
10 RO-CRP PIC 999. 000764
10 FILLER PIC X(03). 000765
10 RO-MERCHANT PIC X(20). 000766
10 FILLER PIC X(02). 000767
10 RO-ACCOUNT-NUMBER PIC X(25). 000768
10 FILLER PIC X(02). 000769
10 RO-AMOUNT PIC 2,ZZZ,ZZZ.99. 000770
10 FILLER PIC X(03). 000771
10 NO-PAY-DATE PIC X(06). 000772
10 FILLER PIC X(05). 000773
10 RO-EXTRA-PAYMENT PIC X(06). 000774
10 FILLER PIC X(06). 000775
10 RO-METHOD PIC X. 000776
10 FILLER PIC X(03). 000777
000778
000779
000780
000781
000782
000783
000784
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000786
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000791
000792
000793

01 WS-TOTALS-FOR-ROLLOVER.
05 TOT-ROL-DETAIL.

10 FILLER PIC X(13). VALUE SPACES. 04/14/91
10 FILLER PIC X(18). 000782
10 FILLER 000783
10 TOT-ROL-ITEMS PIC ZZ9. 000784
10 FILLER PIC X(06). 000785
10 FILLER PIC X(19). 000786
10 FILLER 000787
10 TOT-ROL-DOLLARS PIC 999,999,999.99. 000788
10 FILLER PIC X(39). 000789
000790
000791
000792
000793

05 GMD-TOT-ROL-DETAIL.
10 FILLER

PIC X(26) VALUE 04/14/91
000793

000743 04/14/91
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000793

000996	05/25/91
000999	05/25/91
000999	05/25/91
001000	05/25/91
001001	05/25/91
001002	05/25/91
001003	05/25/91
001004	05/25/91
001005	05/25/91
001006	05/25/91
001007	05/25/91
001008	05/25/91
001009	
001010	

MOVE 'PDB00010' TO SQL-PGM.

```
EXEC SQL WHENEVER SQLWARNING GO TO ERRCRK END-EXEC.
EXEC SQL WHENEVER SQLERROR GO TO ERRCRK END-EXEC.
EXEC SQL WHENEVER NOT FOUND CONTINUE END-EXEC.
```

MOVE 'PBD00010' TO WS-PROGRAM-NAME.
MOVE 'SELECTING FROM T900_PROG_CONTROL' TO STEP-DEMONSTR.

```

EXEC SQL SELECT PC_LAST_COMMIT_KEY,
                PC_COMMIT_INTERVAL,
                PC_RESTART_MODE
        INTO :PC-LAST-COMMIT-KEY,
              :PC-COMMIT-INTERVAL,
              :PC-RESTART-MODE
FROM T900_PROG_CONTROL
WHERE PC_PROGRAM_NAME = :WS-PROGRAM-NAME
END-EXEC.

```

```

PC-LAST-COMMIT-KEY : PC-LAST-COMMIT-KEY
PC-COMMIT-INTERVAL : PC-COMMIT-INTERVAL
PC-RESTART-MODE : PC-RESTART-MODE

```

**IF SALCODE EQUAL 100
GO TO ERRCBK.**

```

IF PC-LAST-COMMIT-KEY NOT = 'SPACE' AND
PC-RESTART-MODE NOT = 'Y'
DISPLAY 'POSSIBLE RESTART CONDITION PROGRAM '
MS-PROGRAM-NAME ' FROM LAST PRODUCTION RUN '

```

001625	03/13/92D
001626	03/13/92D
001627	03/13/92D
001628	03/13/92D
001629	03/13/92D
001630	03/13/92D
001631	03/13/92D
001632	03/13/92D
001633	03/13/92D
001634	03/13/92D
001635	03/13/92D
001636	03/13/92D
001637	03/13/92D
001638	03/13/92D
001639	03/13/92D
001640	03/13/92D
001641	03/13/92D
001642	05/25/92D
001643	05/25/92D
001644	03/13/92D
001645	03/13/92D
001646	03/13/92D
001647	03/13/92D
001648	03/13/92D

[illegible]


```
MOVE 'OPEN CURSOR T002' TO STEP-DENOTER.  
EXEC SQL OPEN T002 END-EXEC.  
OPEN OUTPUT TRANHOLD-FILE
```

**PAY-TABLE-OUTPUT
DRFTITEM-FILE
ROLLOVER-REPORT
ERROR-REPORT
SUMMARY-REPORT.**

**PERFORM A100-MAIN THRU
A100-MAIN-EXIT.**

MOVE 'CLOSE CURSOR T002' TO STEP-DENOTER.
EXEC SQL CLOSE T002 END-EXEC.

IF WS-TOTAL-ERROR-LINES > 40
PERFORM D10-ERROR-HEADINGS
THRU D100-ERROR-HEADINGS-EXIT.

```

MOVE 'TOTAL OF SSN BY STATUS A ' TO ERR-STATUS-DESC.
MOVE MS-STATUS-A-CNT          TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3             TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

```

```

MOVE 'TOTAL OF SSM BY STATUS I ' TO ERR-STATUS-DESC.
MOVE WS-STATUS-1-CMT TO ERR-STATUS-CMT.
MOVE ERR-DETAIL-3 TO ERR-REPORT-LINE.
WRITE ERR-REPORT-LINE.

```

```

MOVE 'TOTAL OF SSN BY STATUS F ' TO ERR-STATUS-DESC.
MOVE WS-STATUS-F-CNT      TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3        TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

```

```

MOVE *TOTAL OF SSN BY STATUS D * TO ERR-STATUS-DESC.
MOVE WS-STATUS-D-CNT TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

```

```

MOVE 'TOTAL OF SSN BY STATUS P ' TO ERR-STATUS-DESC.
MOVE WS-STATUS-P-CNT      TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3         TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

```

```

MOVE 'TOTAL OF SSM BY STATUS C ' TO ERR-STATUS-DESC.
MOVE WS-STATUS-C-CNT      TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3         TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

```

001151	03/13/91
001152	03/13/91
001153	03/13/91
001154	01/02/91
001155	03/13/91
001156	01/02/91
001157	
001158	03/13/91
001159	03/13/91
001160	
001161	
001162	03/13/91
001163	
001164	
001165	
001166	04/14/91
001167	04/14/91
001168	04/14/91
001169	04/14/91
001170	04/14/91
001171	04/14/91
001172	04/14/91
001173	04/14/91
001174	04/14/91
001175	04/14/91
001176	04/14/91
001177	04/14/91
001178	04/14/91
001179	04/14/91
001180	04/14/91
001181	04/14/91
001182	04/14/91
001183	04/14/91
001184	04/14/91
001185	04/14/91
001186	04/14/91
001187	04/14/91
001188	04/14/91
001189	04/14/91
001190	04/14/91
001191	04/14/91
001192	04/14/91
001193	04/14/91
001194	04/14/91
001195	04/14/91
001196	04/14/91
001197	04/14/91
001198	04/14/91
001199	04/14/91
001200	04/14/91
001201	04/14/91

[illegible]

```

COMPUTE MS-STATUS-TOT-CNT = MS-STATUS-A-CNT +
MS-STATUS-I-CNT +
MS-STATUS-F-CNT +
MS-STATUS-D-CNT +
MS-STATUS-P-CNT +
MS-STATUS-C-CNT .

```

MOVE SPACES TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

MOVE *TOTAL CONSUMERS IN ERROR * TO ERR-STATUS-DESC.
MOVE WS-STATUS-101-CMT TO ERR-STATUS-CMT.
MOVE ERR-DETAIL-3 TO ERR-REPORT-LINE
WRITE ERROR-REPORT-LINE.
CLOSE MERCHANT-FILE,
TRANSMOLD-FILE,
DRFTITEM-FILE,
ROLLOVER-REPORT,
ERROR-REPORT,
SUMMARY-REPORT,
CARDIN.

MOVE SPACE TO PC-LAST-COMMIT-KEY
PC-RESTART-MODE.
PERFORM 9000-COMMIT-WORK THRU
9000-EXIT
STOP RUN.

**A000-MAINLINE-EXIT.
EXIT.**

```

A050-INITIALIZE.
ACCEPT WS-CURRENT-DATE FROM DATE.
MOVE CD-YR TO WS-TRANS-YEAR.
MOVE CD-MONTH TO WS-TRANS-MONTH.
MOVE CD-DAY TO WS-TRANS-DAY.
ACCEPT WS-TIME FROM TIME.
MOVE WS-HH TO WS-HOUR.
MOVE WS-MM TO WS-MIN.

MOVE WS-COMP-KEY TO COMP-CTL-KEY.
READ DATE-FILE INTO WS-DATE-RECORD.
IF COMP-STATUS = '00'
    NEXT SENTENCE
ELSE
    DISPLAY 'MESSAGE FROM ' SQL-PGM ': '
    DISPLAY 'BAD READ ON AECOMP DATE FILE.'
    DISPLAY 'STATUS CODE IS: ' COMP-STATUS
    DISPLAY 'PROGRAM MALTED.  STOP JOB '

```

DISPLAY 'STREAM AND CORRECT PROBLEM.'
 DISPLAY 'MESSAGE FROM ' SQL-PGM ':
 DISPLAY 'BAD READ ON AECOMP DATE FILE.'
 DISPLAY 'STATUS CODE IS: ' COMP-STATUS
 DISPLAY 'PROGRAM HALTED. STOP JOB
 DISPLAY 'STREAM AND CORRECT PROBLEM.'
 CLOSE DATE-FILE
 GO TO ERRCNK.

001253
 001254
 001255
 001256
 001257
 001258
 001259
 001260
 001261
 001262
 001263

03/13/91

MOVE AECO-CTL-TOD-PMT-DT TO DRAFT-DATE.
 ***** CONVERT DRAFT-DATE TO DRAFT-DATE-PLUS-DEF
 MOVE DRAFT-DATE TO DATE-WDDVVVV.
 PERFORM GREGORIAN-TO-JULIAN THRU
 GREGORIAN-TO-JULIAN-EXIT.
 MOVE 'D' TO DATE-PERIOD.

001264
 001265
 001266
 001267
 001268
 001269
 001270
 001271
 001272
 001273

IF MORE-CARDIN

READ CARDIN INTO WS-HOLD-DRAFT AT END

MOVE 'N' TO WS-CARDIN-SM.

IF DRAFT-EXTENSION NOT NUMERIC

DISPLAY 'MESSAGE FROM ' SQL-PGM ':
 DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
 DISPLAY 'VALUE SET IN JCL IS NON-NUMERIC.
 DISPLAY 'STOP JOB STREAM AND CORRECT THIS
 DISPLAY 'PROBLEM.'

001274
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DISPLAY 'MESSAGE FROM ' SQL-PGM ':
 DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
 DISPLAY 'VALUE SET IN JCL IS NON-NUMERIC.
 DISPLAY 'STOP JOB STREAM AND CORRECT THIS
 DISPLAY 'PROBLEM.'

001282
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GO TO ERRCNK.

001289
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IF DRAFT-EXTENSION-99 > 99
 DISPLAY 'MESSAGE FROM ' SQL-PGM ':
 DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
 DISPLAY 'VALUE SET IN JCL IS TOO BIG.
 DISPLAY 'STOP JOB STREAM AND CORRECT THIS
 DISPLAY 'PROBLEM.'

001296
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 001301
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03/13/91

IF DRAFT-EXTENSION-99 > 99
 DISPLAY 'MESSAGE FROM ' SQL-PGM ':
 DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
 DISPLAY 'VALUE SET IN JCL IS TOO BIG.
 DISPLAY 'STOP JOB STREAM AND CORRECT THIS
 DISPLAY 'PROBLEM.'

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IF MORE-CARDIN
  READ CARDIN INTO WS-HOLD-ACH AT END
  MOVE 'N' TO WS-CARDIN-SW
ELSE
  MOVE SPACES TO WS-HOLD-ACH.
  IF DAY-NIGHT-ACH NOT = 'B'
    AND
    DAY-NIGHT-ACH NOT = 'E'
    DISPLAY 'MESSAGE FROM ' SQL-PRG ' ;
    DISPLAY 'PROGRAM HALTED. ACH MODIFIER SET '
    DISPLAY 'IN JCL MUST BE EITHER B OR E.
    DISPLAY 'STOP JOB STREAM AND CORRECT THIS
    DISPLAY 'PROBLEM.
    DISPLAY '
    DISPLAY 'MESSAGE FROM ' SQL-PRG ' ;
    DISPLAY 'PROGRAM HALTED. ACH MODIFIER SET
    DISPLAY 'IN JCL MUST BE EITHER B OR E.
    DISPLAY 'STOP JOB STREAM AND CORRECT THIS
    DISPLAY 'PROBLEM.
    DISPLAY '
    GO TO ERRCBK.
  ELSE
    GO TO ERRCBK.
  MOVE DRAFT-EXTENSION-99 TO DATE-FREQ.
  PERFORM FUTURE-DATE THRU
  FUTURE-DATE-EXIT.
  PERFORM JULIAN-TO-GREGORIAN THRU
  JULIAN-TO-GREGORIAN-EXIT.
  MOVE DATE-MM TO DATE-M.
  MOVE DATE-DD TO DATE-D.
  MOVE DATE-YY TO WS-YEAR-WORK.
  MOVE WS-VV-LAST12 TO DATE-Y.
  MOVE DATE-MDY TO DRAFT-DATE-PLUS-DEF
  ##### MOVE DRAFT-DATE-PLUS-DEF TO OUTPUT REPORT DATES.
  ##### MOVE DRAFT-DATE-PLUS-DEF TO WS-DATE-MDY.
  ##### MOVE WS-M-MDY TO WS-M-MDY-SLASHES
  ##### MOVE WS-D-MDY TO WS-D-MDY-SLASHES
  ##### MOVE WS-Y-MDY TO WS-Y-MDY-SLASHES
  ##### MOVE WS-DATE-MDY-WITH-SLASHES TO NO-DRAFT-REPORT-DATE,
  ##### ERR-DRAFT-DATE.
  ##### CONVERT DRAFT-DATE TO YYYYMMDD FORMAT FOR COMPARE ON T002.
  ##### MOVE DRAFT-DATE-PLUS-DEF TO WS-DATE-MDY.
  ##### MOVE WS-Y-MDY TO WS-Y-YMD
  ##### MOVE WS-M-MDY TO WS-M-YMD
  ##### MOVE WS-D-MDY TO WS-D-YMD
  ##### MOVE WS-DATE-YMD TO WS-77-DATE
  ##### MOVE WS-77-DATE TO SQL-DRAFT-DATE
  ##### MOVE TODAY'S PROCESSING DATE TO OUTPUT RUN DATE.
  ##### MOVE AECO-CTL-TOD-PRO-DI TO WS-77-DATE-7DIGITS.

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END-EXEC.
IF SQLCODE EQUAL 100
MOVE 'Y' TO ALL-STLCODE-PROCESSED-SV.
A079-READ-STLCODE-EXIT.
EXIT.

THE FOLLOWING MODULE IS THE MAIN INTERNAL DRIVER FOR THIS
PROGRAM.

A100-MAIN.
PERFORM UNTIL EOF
MOVE ZERO TO WS-COMMIT-COUNTER
PERFORM A125-T002-CONS-PAY-FETCH
THRU A125-T002-CONS-PAY-FETCH-EXIT
UNTIL EOF

END-PERFORM.

IF WS-TOTAL-ROLLOVER-LINES > 0
AND NOT = 999
PERFORM C400-TOTAL-BREAK
THRU C400-TOTAL-BREAK-EXIT.
IF WS-TOTAL-ERROR-LINES > 0

AND NOT = 999
PERFORM D400-TOTAL-BREAK
THRU D400-TOTAL-BREAK-EXIT.
PERFORM I100-CREDIT-OFFSETS
THRU I100-CREDIT-OFFSETS-EXIT.
PERFORM J200-WRITE-GRAND-SUMMARY
THRU J200-WRITE-GRAND-SUMMARY-EXIT.

THE FOLLOWING WILL CREATE A GRAND TOTAL LINE ON THE DETAIL
DRAFT REPORT.

MOVE TFR-RMT-TOT-ITEMS TO GND-TOT-ROL-ITEMS.
MOVE TFR-RMT-TOT-DOLLARS TO GND-TOT-ROL-DOLLARS.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE GND-TOT-ROL-DETAIL TO ROLLOVER-REPORT-LINE.
MOVE '0' TO CC-LINE
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.

THE FOLLOWING WILL CREATE A GRAND TOTAL ERROR LINE ON THE
DETAIL DRAFT REPORT.

MOVE WS-GND-TOT-ERR-ITEMS TO GND-TOT-ERR-ITEMS.
MOVE WS-GND-TOT-ERR-DOLLARS TO GND-TOT-ERR-DOLLARS.
MOVE SPACES TO ROLLOVER-REPORT-LINE.

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001425 03/15/91
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001437 05/25/91
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001447 03/15/91
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001454 03/15/91

THE FOLLOWING MODULES PRODUCE THE ROLLOVER REPORT FOR THIS PROGRAM.

C100-ROLL-HEADINGS.

```

MOVE 'N' TO ARE-CONS-RO-HEADINGS-WRITTEN.
MOVE 'N' TO ARE-MRCH-RO-HEADINGS-WRITTEN.
MOVE 'N' TO ARE-CONS-RO-DETAIL-WRITTEN.
MOVE 'N' TO ARE-MRCH-RO-DETAIL-WRITTEN.
MOVE ZEROS TO MS-TOTAL-ROLLOVER-LINES.
ADD 1 TO MS-ROLLOVER-PAGE-COUNT.
MOVE MS-ROLLOVER-PAGE-COUNT TO RO-PAGE-NUMBER.
MOVE SPACES TO: ROLLOVER-REPORT-LINE.
MOVE RO-HEADINGS-1 TO ROLLOVER-REPORT-LINE.
PERFORM C900-WRITE-ROLL-PAGE
      THRU C900-WRITE-ROLL-PAGE-EXIT.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE ' ' TO CC-LINE
MOVE 1 TO ADVANCE-AMOUNT.
MOVE RO-HEADINGS-2 TO ROLLOVER-REPORT-LINE.
PERFORM C900-WRITE-ROLL-LINE
      THRU C900-WRITE-ROLL-LINE-EXIT.
C100-ROLL-HEADINGS-EXIT.
EXIT.

```

C200-CONSUMER-ROLL-LINE.

```

IF FIRST-ROLL-RECORD
MOVE 'N' TO IS-THIS-FIRST-ROLL-RECORD
PERFORM C100-ROLL-HEADINGS
THRU C100-ROLL-HEADINGS
ELSE
IF WS-TOTAL-ROLLOVER-LINES > 45
AND
CP-SSN NOT = WS-PREVIOUS-ROLL-SSN
PERFORM C400-TOTAL-BREAK
THRU C400-TOTAL-BREAK-EXIT
PERFORM C100-ROLL-HEADINGS
THRU C100-ROLL-HEADINGS-EXIT
ELSE
IF WS-TOTAL-ROLLOVER-LINES > 45
AND
CP-SSN = WS-PREVIOUS-ROLL-SSN
PERFORM C100-ROLL-HEADINGS
THRU C100-ROLL-HEADINGS-EXIT
ELSE
IF CP-SSN NOT = WS-PREVIOUS-ROLL-SSN
PERFORM C400-TOTAL-BREAK

```

03/13/91

001554	001555	001556	001557	001558	001559	001560	001561	001562	001563	001564	001565	001566	001567	001568	001569	001570	001571	001572	001573	001574	001575	001576	001577	001578	001579	001580	001581	001582	001583	001584	001585	001586	001587	001588	001589	001590	001591	001592	001593	001594	001595	001596	001597	001598	001599	001600	001601	001602	001603	001604	001605	001606	001607	001608	001609
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THRU C400-TOTAL-BREAK-EXIT.

MOVE CP-SSN TO WS-PREVIOUS-ROLL-SSN.
 IF COMS-RO-HEADING-NOT-WRITTEN
 PERFORM C210-CONSUMER-HEADINGS
 THRU C210-CONSUMER-HEADINGS-EXIT.
 PERFORM C220-CONSUMER-DETAIL
 THRU C220-CONSUMER-DETAIL-EXIT.
 C200-CONSUMER-ROLL-LINE-EXIT.
 EXIT.

C210-CONSUMER-HEADINGS.

MOVE 'V' TO ARE-COMS-RO-HEADINGS-WRITTEN.
 MOVE SPACES TO ROLLOVER-REPORT-LINE.
 MOVE '-' TO CC-LINE
 MOVE 3 TO ADVANCE-AMOUNT.
 MOVE RO-HEADINGS-3 TO ROLLOVER-REPORT-LINE.
 PERFORM C900-WRITE-ROLL-LINE
 THRU C900-WRITE-ROLL-LINE-EXIT.
 C210-CONSUMER-HEADINGS-EXIT.
 EXIT.

C220-CONSUMER-DETAIL.

MOVE 'V' TO ARE-COMS-RO-DETAIL-WRITTEN.
 MOVE CP-SSN TO WS-77-SSN.
 MOVE WS-77-SSN TO WS-SSN-IN.
 MOVE WS-SSN-1ST3-IN TO WS-SSN-1ST3-OUT.
 MOVE WS-SSN-2ND2-IN TO WS-SSN-2ND2-OUT.
 MOVE WS-SSN-LAST4-IN TO WS-SSN-LAST4-OUT.
 MOVE WS-SSN-OUT TO RO-SSN.
 MOVE CF-LAST-NAME TO RO-LAST-NAME.
 MOVE CF-FIRST-NAME TO RO-FIRST-NAME.
 MOVE CF-MID-INIT TO RO-MI.

MOVE SPACES TO ROLLOVER-REPORT-LINE.
 MOVE ' ' TO CC-LINE
 MOVE 1 TO ADVANCE-AMOUNT.
 MOVE RO-DETAIL-1 TO ROLLOVER-REPORT-LINE.
 PERFORM C900-WRITE-ROLL-LINE
 THRU C900-WRITE-ROLL-LINE-EXIT.
 C220-CONSUMER-DETAIL-EXIT.
 EXIT.

C300-MERCHANT-ROLL-LINE.

IF WS-TOTAL-ROLLOVER-LINES > 55
 PERFORM C100-ROLL-HEADINGS
 THRU C100-ROLL-HEADINGS-EXIT.

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00542100 033400

IF CONS-RO-HEADING-NOT-WRITTEN
PERFORM C210-CONSUMER-HEADINGS
THRU C210-CONSUMER-HEADINGS-EXIT.
IF CONS-RO-DETAIL-NOT-WRITTEN
PERFORM C220-CONSUMER-DETAIL
THRU C220-CONSUMER-DETAIL-EXIT.
IF MRCH-RO-HEADING-NOT-WRITTEN
PERFORM C310-MERCHANT-HEADINGS
THRU C310-MERCHANT-HEADINGS-EXIT
PERFORM C320-MERCHANT-DETAIL
THRU C320-MERCHANT-DETAIL-EXIT.
C300-MERCHANT-ROLL-LINE-EXIT.
EXIT.

C310--MERCHANT-HEADINGS.
MOVE 'Y' TO ARE-MRCH-RD-HEADINGS-WRITTEN.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE '0' TO CC-LINE
MOVE 2 TO ADVANCE-AMOUNT.
MOVE RD-HEADING-4 TO ROLLOVER-REPORT-LINE
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.
C310-MERCHANT-HEADINGS-EXIT.
EXIT.

C320-MERCHANT-DETAIL.
MOVE CP-MRCH-PHONE TO WS-77-PHONE.
MOVE WS-77-PHONE TO WS-PHONE-NUMBER-IN
MOVE WS-AREA-CODE-IN TO WS-AREA-CODE-OUT
MOVE WS-PHONE-EXCHG-IN TO WS-PHONE-EXCHG-OUT
MOVE WS-PHONE-EXT-IN TO WS-PHONE-EXT-OUT
MOVE WS-PHONE-NUMBER-OUT TO RO-PHONE-NUMBER
MOVE CP-MRCH-CR-PHONE TO RO-CRP
MOVE CP-MRCH-NAME TO RO-MERCHANT
MOVE CP-ACCT-NBR TO RO-ACCOUNT-NUMBER
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE . . TO CC-LINE
MOVE 1 TO ADVANCE-AMOUNT.
MOVE RO-DETAIL-2 TO ROLLOVER-REPORT-LINE.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.
ADD WS-77-HOLD-PAY-AMOUNT TO WS-TOT-RO-DOLLARS.
ADD 1 TO WS-TOT-RO-ITEMS.
C320-MERCHANT-DETAIL-EXIT.
EXIT.

C400-TOTAL-BREAK.

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001710
001711


```
ADD 1 TO WS-ERROR-PAGE-COUNT.
MOVE WS-ERROR-PAGE-COUNT TO ERR-PAGE-NUMBER.
MOVE SPACES TO ERROR-REPORT-LINE.
MOVE ERR-HEADING-1 TO ERROR-REPORT-LINE.
PERFORM D000-WRITE-ERROR-PAGE
  THRU D000-WRITE-ERROR-PAGE-EXIT.
MOVE SPACES TO ERROR-REPORT-LINE.
MOVE ' ' TO CC-LINE
MOVE 1 TO ADVANCE-AMOUNT.
MOVE ERR-HEADING-2 TO ERROR-REPORT-LINE.
PERFORM D900-WRITE-ERROR-LINE
  THRU D900-WRITE-ERROR-LINE-EXIT.
D100-ERROR-HEADINGS-EXIT.
EXIT.
```

D200-CONSUMER-ERROR-LINE.

```
IF CF-STATUS = 'A'
  ADD 1 TO WS-STATUS-A-CNT
ELSE
  IF CF-STATUS = 'I'
    ADD 1 TO WS-STATUS-I-CNT
  ELSE
    IF CF-STATUS = 'F'
      ADD 1 TO WS-STATUS-F-CNT
    ELSE
      IF CF-STATUS = 'D'
        ADD 1 TO WS-STATUS-D-CNT
      ELSE
        IF CF-STATUS = 'P'
          ADD 1 TO WS-STATUS-P-CNT
        ELSE
          IF CF-STATUS = 'C'
            ADD 1 TO WS-STATUS-C-CNT.
MOVE 'CONSUMER STATUS IS ' TO WS-ERR-STATUS.
MOVE CF-STATUS TO WS-ERR-STATUS.
MOVE WS-MESSAGE-STATUS TO WS-ERR-MESSAGE.
```

IF FIRST-ERROR-RECORD

```
MOVE 'N' TO IS-FIRST-ERROR-RECORD
PERFORM D100-ERROR-HEADINGS
  THRU D100-ERROR-HEADINGS
ELSE
  IF WS-TOTAL-ERROR-LINES > 45
    AND
    CP-SSN NOT = WS-PREVIOUS-ERROR-SSN
    PERFORM D400-TOTAL-BREAK
      THRU D400-TOTAL-BREAK-EXIT
    PERFORM D100-ERROR-HEADINGS
      THRU D100-ERROR-HEADINGS-EXIT
```

001763	04/14/91
001764	04/14/91
001765	04/14/91
001766	04/14/91
001767	04/14/91
001768	04/14/91
001769	04/14/91
001770	03/13/91
001771	04/14/91
001772	04/14/91
001773	04/14/91
001774	04/14/91
001775	04/14/91
001776	04/14/91
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001809	04/14/91
001810	04/14/91
001811	04/14/91
001812	04/14/91
001813	04/14/91

00542400 : 033400


```

ELSE
  IF WS-TOTAL-ERROR-LINES > 45
    AND
    CP-SSM = WS-PREVIOUS-ERROR-SSM
    PERFORM D100-ERROR-HEADINGS
    THRU D100-ERROR-HEADINGS-EXIT
  ELSE
    IF CP-SSM NOT = WS-PREVIOUS-ERROR-SSM
      PERFORM D400-TOTAL-BREAK
      THRU D400-TOTAL-BREAK-EXIT.
    MOVE CP-SSM TO WS-PREVIOUS-ERROR-SSM.
    IF COMS-ERR-HEADING-NOT-WRITTEN
      PERFORM D210-CONSUMER-HEADINGS
      THRU D210-CONSUMER-HEADINGS-EXIT.
    IF COMS-ERR-DETAIL-NOT-WRITTEN
      PERFORM D220-CONSUMER-DETAIL
      THRU D220-CONSUMER-DETAIL-EXIT.
    MOVE SPACES TO ERROR-REPORT-LINE.
    MOVE ' ' TO CC-LINE.
    MOVE 1 TO ADVANCE-AMOUNT.
    MOVE WS-ERR-MESSAGE-LINE TO ERROR-REPORT-LINE.
    PERFORM D900-WRITE-ERROR-LINE
    THRU D900-WRITE-ERROR-LINE-EXIT.
    MOVE SPACES TO WS-ERR-MESSAGE.
    MOVE SPACE TO WS-ERR-STATUS.
  D200-CONSUMER-ERROR-LINE-EXIT.
  EXIT.
D210-CONSUMER-HEADINGS.
  MOVE 'Y' TO ARE-COMS-ERR-HEADINGS-WRITTEN.
  MOVE SPACES TO ERROR-REPORT-LINE.
  MOVE ' ' TO CC-LINE
  MOVE 3 TO ADVANCE-AMOUNT.
  MOVE ERR-HEADING-3 TO ERROR-REPORT-LINE.
  PERFORM D900-WRITE-ERROR-LINE
  THRU D900-WRITE-ERROR-LINE-EXIT.
D210-CONSUMER-HEADINGS-EXIT.
D220-CONSUMER-DETAIL.
  MOVE 'Y' TO ARE-COMS-ERR-DETAIL-WRITTEN.
  MOVE CP-SSM TO WS-77-SSM.
  MOVE WS-77-SSM TO WS-SSM-IN.
  MOVE WS-SSM-1513-IN TO WS-SSM-1513-OUT.

```

[illegible]

```
MOVE WS-SSN-2ND2-IN TO WS-SSN-2ND2-OUT.
MOVE WS-SSN-LAST4-IN TO WS-SSN-LAST4-OUT.
MOVE WS-SSN-OUT TO ERR-SSN.
MOVE CF-LAST-NAME TO ERR-LAST-NAME.
MOVE CF-FIRST-NAME TO ERR-FIRST-NAME.
MOVE CF-MID-INIT TO ERR-MI.
MOVE WS-ERR-MESSAGE TO ERR-MESSAGE.
MOVE SPACES TO ERROR-REPORT-LINE.
MOVE ' ' TO CC-LINE.
MOVE 1 TO ADVANCE-AMOUNT.
MOVE ERR-DETAIL-1 TO ERROR-REPORT-LINE.
PERFORM D900-WRITE-ERROR-LINE
THRU D900-WRITE-ERROR-LINE-EXIT.
D220-CONSUMER-DETAIL-EXIT.
EXIT.
```

```
D300-MERCHANT-ERROR-LINE.
IF FIRST-ERROR-RECORD
MOVE 'N' TO IS-THIS-FIRST-ERROR-RECORD
PERFORM D100-ERROR-HEADINGS
THRU D100-ERROR-HEADINGS
```

```
ELSE
IF WS-TOTAL-ERROR-LINES > 45
AND
CP-SSN NOT = WS-PREVIOUS-ERROR-SSN
AND
MCH-ERR-DETAIL-NOT-WRITTEN
PERFORM D400-TOTAL-BREAK
THRU D400-TOTAL-BREAK-EXIT
PERFORM D100-ERROR-HEADINGS
THRU D100-ERROR-HEADINGS-EXIT
ELSE
IF WS-TOTAL-ERROR-LINES > 45
AND
CP-SSN = WS-PREVIOUS-ERROR-SSN
AND
MCH-ERR-DETAIL-NOT-WRITTEN
PERFORM D100-ERROR-HEADINGS
THRU D100-ERROR-HEADINGS-EXIT
```

```
ELSE
IF CP-SSN NOT = WS-PREVIOUS-ERROR-SSN
PERFORM D400-TOTAL-BREAK
THRU D400-TOTAL-BREAK-EXIT.
MOVE CP-SSN TO WS-PREVIOUS-ERROR-SSN.
IF WS-TOTAL-ERROR-LINES > 55
PERFORM D100-ERROR-HEADINGS
THRU D100-ERROR-HEADINGS-EXIT.
IF CONS-ERR-HEADING-NOT-WRITTEN
```

001865	04/14/91
001866	
001867	04/14/91
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001870	04/14/91
001871	04/14/91
001872	04/14/91
001873	
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001875	03/13/91
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001894	03/13/91
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001865 001866 001867 001868 001869 001870 001871 001872 001873 001874 001875 001876 001877 001878 001879 001880 001881 001882 001883 001884 001885 001886 001887 001888 001889 001890 001891 001892 001893 001894 001895 001896 001897 001898 001899 001900 001901 001902 001903 001904 001905 001906 001907 001908 001909 001910 001911 001912 001913 001914 001915

LISTING OF MODULE PDB00010

CF_CREDIT_LIMIT,
CF_CHECK_LIMIT,
CF_CF_MTH_ITEMS,
CF_CF_MTH_BAL,
CF_CF_YTD_ITEMS,
CF_CF_YTD_BAL,
CF_TOT_MTH_ITEMS,
CF_TOT_MTH_BAL,
CF_TOT_YTD_ITEMS,
CF_TOT_YTD_BAL,
CF_FREE_FLAG,
CF_FREE_FREE,
CF_FREE_MATRIX,
CF_PRENOTE_DATE,
CF_EFT_CODE,
CF_BANK_NAME,
CF_CHECK_SAVE,
CF_RESET_PRENOTE
INTNO

:CF-SSN,	002008	
:CF-CMCK-ID,	002009	
:CF-LAST-NAME,	002090	
:CF-FIRST-NAME,	002091	
:CF-MID-INIT,	002092	
:CF-ADDRESS1,	002093	
:CF-ADDRESS2,	002094	
:CF-CITY,	002095	
:CF-STATE,	002096	
:CF-ZIP,	002097	
:CF-ZIP-4,	002098	
:CF-ROUTE-TRANS,	002099	
:CF-ACCT-NDR,	002100	
:CF-PAPR-RT-TRANS,	002101	06/20/92
:CF-PAPR-ACCT-NDR,	002102	06/20/92
:CF-CCARD-NDR,	002103	
:CF-CCARD-EXP-DATE,	002104	
:CF-MAIDEN-NAME,	002105	
:CF-DECLINE-STATUS,	002106	
:CF-STATUS,	002107	
:CF-VIP-STATUS,	002108	
:CF-VIP-STATUS2,	002109	
:CF-LAST-TRANS-DATE,	002110	02/10/92
:CF-CREDIT-LIMIT,	002111	
:CF-CHECK-LIMIT,	002112	
:CF-CF-MTH-ITEMS,	002113	
:CF-CF-MTH-BAL,	002114	
:CF-CF-YTD-ITEMS,	002115	
:CF-CF-YTD-BAL,	002116	
:CF-TOT-MTH-ITEMS,	002117	
:CF-TOT-MTH-BAL,	002118	
:CF-TOT-YTD-ITEMS,	002119	

THE **NEW** **YORK** **PUBLIC** **LIBRARY**


```

MOVE 'N' TO STLCODE-IN-TABLE-SW.
IF MM-R-STAT NOT = '00'
NEXT SENTENCE
ELSE
  IF MM-R-ROUTE-SETTLE EQUAL '01'
    OR MM-R-ROUTE-SETTLE EQUAL '02'
    OR MM-R-ROUTE-SETTLE EQUAL '03'
    OR MM-R-ROUTE-SETTLE EQUAL '10'
    OR MM-R-ROUTE-SETTLE EQUAL '11'
    OR MM-R-ROUTE-SETTLE EQUAL '12'
  NEXT SENTENCE
ELSE
  PERFORM F110-LOCATE-STLCODE-INDEX
  THRU F110-LOCATE-STLCODE-INDEX-EXIT
  IF STLCODE-IN-TABLE
    NEXT SENTENCE
  ELSE
    MOVE '01' TO MM-R-ROUTE-SETTLE.
  IF MM-R-PRENOTE-RESET > SQL-DRAFT-DATE
    IF MM-R-ROUTE-SETTLE = '10'
      MOVE '01' TO MM-R-ROUTE-SETTLE
    ELSE
      IF MM-R-ROUTE-SETTLE = '11'
        MOVE '02' TO MM-R-ROUTE-SETTLE
      ELSE
        IF MM-R-ROUTE-SETTLE = '12'
          MOVE '03' TO MM-R-ROUTE-SETTLE.
O-GET-MERCHANT-INFO-EXIT.
EXIT.
O-CHECK-PRENOTE.
IF CP-PRENOTE-RESET > SQL-DRAFT-DATE OR
CP-ACT-SCHEME NOT = 'Y'
  IF MM-R-ROUTE-SETTLE = '01'
    NEXT SENTENCE
  ELSE
    IF MM-R-ROUTE-SETTLE = '02'
      NEXT SENTENCE
    ELSE
      IF MM-R-ROUTE-SETTLE = '03'
        NEXT SENTENCE
      ELSE
        IF MM-R-ROUTE-SETTLE = '10'
          MOVE '01' TO MM-R-ROUTE-SETTLE
        ELSE
          IF MM-R-ROUTE-SETTLE = '11'
            MOVE '02' TO MM-R-ROUTE-SETTLE

```

[illegible]

```

ELSE
  IF NMR-ROUTE-SETTLE = '12'
    MOVE '03' TO NMR-ROUTE-SETTLE
  ELSE
    MOVE '01' TO NMR-ROUTE-SETTLE.

```

E300-CHECK-PRENOTE-EXIT.
EXIT.

 * THE FOLLOWING MODULE CHECKS FOR PAYMENT ROLLOVER AND MOVES *
 * THOSE VALUES TO PROPER FIELDS IN TABLE T002_CONSUMER_PAY *

F100-ROLLOVER-ROUTINE.

MOVE CURRENT VALUES FOR THESE FIELDS TO THE OUTPUT REPORT
BEFORE THEY ARE ROLLED FORWARD.

```

MOVE CP-NRCH-AMT TO WS-77-AMOUNT.
MOVE WS-77-AMOUNT TO WS-77-HOLD-PAY-AMOUNT.
MOVE WS-77-AMOUNT TO RO-AMOUNT.
MOVE CP-NRCH-PAY-DATE TO WS-77-DATE.
MOVE WS-77-DATE TO WS-77-HOLD-PAY-DATE.
MOVE WS-77-DATE TO WS-DATE-YMD.
MOVE WS-N-YMD TO WS-N-MDY-SLASHES
MOVE WS-D-YMD TO WS-D-MDY-SLASHES
MOVE WS-Y-YMD TO WS-Y-MDY-SLASHES
MOVE WS-DATE-MDY-WITH-SLASHES TO RO-PAY-DATE.

```

```

MOVE ZEROS TO DATE-MDDYYYY
MOVE ZEROS TO DATE-VVVYDDD
MOVE ZEROS TO DATE-RED-1
MOVE ZEROS TO DATE-RED-2
MOVE ZEROS TO DATE-RED-3
MOVE ZEROS TO DATE-MDDYY

```

```

IF PAY-BY-PHONE
  MOVE CP-NRCH-AMT TO DRAFT-LAST-AMT
  MOVE CP-NRCH-PAY-DATE TO DRAFT-LAST-DATE.

```

***** ROLL PAYMENT DATE FORWARD.
 IF (CP-NBR-REMAIN > 0

OR
 CP-NBR-REMAIN = -1)

```

AND
CP-PAY-TYPE = 'F'
MOVE CP-NRCH-PAY-DATE TO WS-77-DATE
MOVE WS-77-DATE TO WS-DATE-YMD
MOVE WS-N-YMD TO HOLD-N-FFMDDYY
MOVE WS-D-YMD TO HOLD-D-FFMDDYY

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005422-100 0023-100

```

MOVE WS-Y-YND TO HOLD-Y-FFWDDYV
MOVE 00 TO HOLD-F-FFWDDYV
MOVE WS-HOLD-DATE-FFWDDYV TO DATE-WWDDYYYY
PERFORM GREGORIAN-TO-JULIAN THRU
    GREGORIAN-TO-JULIAN-EXIT
PERFORM F120-GET-ROLL-VALUES THRU
    F120-GET-ROLL-VALUES-EXIT
PERFORM FUTURE-DATE THRU
    FUTURE-DATE-EXIT
PERFORM JULIAN-TO-GREGORIAN THRU
    JULIAN-TO-GREGORIAN-EXIT
PERFORM F115-CHECK-MONTH-END THRU
    F115-CHECK-MONTH-END-EXIT
MOVE DATE-WM TO DATE-M
MOVE DATE-DD TO DATE-D
MOVE DATE-VY TO WS-YEAR-WORK
MOVE WS-VY-LAST2 TO DATE-Y
MOVE DATE-MDY TO WS-DATE-MDY
MOVE WS-M-MDY TO WS-M-YND
MOVE WS-D-MDY TO WS-D-YND
MOVE WS-Y-MDY TO WS-Y-YND
MOVE WS-DATE-YND TO WS-77-DATE
MOVE WS-77-DATE TO CP-MRCH-PAY-DATE
ELSE
MOVE ZEROS TO CP-MRCH-PAY-DATE
MOVE ZEROS TO CP-MRCH-AMT
    IF CP-CHG-DATE = 29 OR 30 OR 31
        MOVE ZEROS TO CP-CHG-DATE
END-IF
END-IF
    IF CP-MDR-REMAIN > 0
        SUBTRACT 1 FROM CP-MDR-REMAIN
        THE FOLLOWING 'IF' WILL CAUSE FIX PAYMENTS TO HAVE THEIR
        PAYMENT DATES AND AMOUNTS SET TO ZERO WHEN THE NUMBER
        OF PAYMENTS REMAINING BECOMES ZERO.
        IF CP-MDR-REMAIN = 0
            AND
            CP-PAY-TYPE = 'F'
            MOVE ZEROS TO CP-MRCH-PAY-DATE
            MOVE ZEROS TO CP-MRCH-AMT
            IF CP-CHG-DATE = 29 OR 30 OR 31
                MOVE ZEROS TO CP-CHG-DATE
            END-IF
        END-IF
    END-IF
    IF PAY-BY-PHONE AND CP-PAY-TYPE = 'F'
        MOVE CP-MRCH-AMT TO DRAFT-NEW-AMT
        MOVE CP-MRCH-PAY-DATE TO DRAFT-NEW-DATE.

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[illegible]

[illegible][illegible][illegible]